

S/O#30,117

## FORM U-1-A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS

Alternate Form For Single Chamber Completely Shop Fabricated Vessels Only 12,000 GALLON  
As Required by the Provisions of the ASME Code Rules and the National Board ANHYDROUS AMMONIA

DELTA SOUTHERN CO., BATON ROUGE, LOUISIANA

STORAGE TANK

1. Manufactured by \_\_\_\_\_ (Name and address of Manufacturer) SAME

2. Manufactured for \_\_\_\_\_ (Name and address of Purchaser) BRANDON, IOWA

3. Type \_\_\_\_\_ Vessel No. ( ) ( ) Nat'l Bd. No. 630 Yr. Built 1963  
(Horiz. or Vert.) FLG. (Mfrs. Serial) (State & State No.)

4. SHELL: Mat'l SA-455-B T.S. 73,000 Thk. 9/16 in. Allow. 0 in. Diam. 6' 10 9/16" in. Length 46' 8 9/16" in.  
PAR. UW-52 (Kind and Spec. No.) (Fig. or F. B. & Spec. Min. T.S.)

5. SEAMS: Long DBL. BUTT S.R. YES X.R. COMPLETE Sectioned No Efficiency 100 %  
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)

Girth DBL. BUTT S.R. YES X.R. COMPLETE Sectioned No No. of Courses 5

6. HEADS: (a) Material SA-455-A T.S. 75,000 FLG. (b) Material X X X X X X X X T.S. X X X  
Location (Top, bottom, ends) Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex angle Hemispherical Radius Flat Diameter (Convex or Concave) Side to Pressure

(a) ENDS .323" X X X X X X 41 9/32" O.S. CONCAVE

(b) X X X X X X X X X X

If removable, bolts used X X X X Other fastening X X X X (Describe or Attach Sketch)

7. Constructed for max. INT. 250 allowable working press. 250 psi. at max. temp. 650°F. Min. temp. (when less than -20°F. -20°F. Hydrostatic or Pneumatic Test Press. 375 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number 2 Size 2" NPT Location TOP SHELL

9. NOZZLES:  
Purpose, (Inlet Outlet, Drain) Number Diam. or Size Type Material Thickness Reinforcement Material How Attached

OPENINGS 2 1/4" F.S. CPLG. SA-105-2 6000# NONE F. WELDED

OPENINGS 5 2" 2 1/2", 3" F.S. CPLG. SA-105-2 3000# NONE F. WELDED

10. INSPECTION Manholes, No. X Size X Location X X X  
OPENINGS Handholes, No. X Size X Location X X X  
Threaded, No. X Size X Location X X X

11. SUPPORTS: Skirt NO Lugs NONE Legs NONE Other Attached (Where & How)

12. REMARKS: ANHYDROUS AMMONIA CONTAINER

(Brief description of purposes of the vessel, as Air Tank, Water Tank, L.P.G., Etc.—State Contents.)  
(List other internal or external pressures with coincident temperature when applicable)

We certify that the statements made in this report are correct and that all details of material, construction, and workmanship of this vessel conform to the ASME Code for Unfired Pressure Vessels.

Date DEC 27 1963 Signed DELTA SOUTHERN COMPANY By *[Signature]*

Certificate of Authorization Expires

DECEMBER 31, 1964

## CERTIFICATE OF SHOP INSPECTION

Inspection Agency's Serial No. 956  
VESSEL MADE BY DELTA SOUTHERN COMPANY at BATON ROUGE,

I, the undersigned, holding a Certificate of Competency as an Inspector of Boilers and Unfired Pressure Vessels in THE STATE OF LOUISIANA and employed by HARTFORD STEAM BOILER INSP. CO. of HARTFORD, CONN., inspected internally and externally, the vessel described in this report on DEC 27 1963, and certify that the statements made in this report are correct corresponding with mill test reports of materials furnished by the builders, and measurements made of the vessel and that this vessel is constructed in accordance with the ASME Code for Unfired Pressure Vessels.

Date DEC 27 1963

NAT'L BD. COMM.

NO. 1849

Commissions

State or Nat'l Bd. &amp; Number

Inspector's Signature